

The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXX No. 2 CAMBRIDGE, MASSACHUSETTS, TUESDAY, FEBRUARY 16, 1960 5 Cents

Paid Social Chairman for Baker

Three Volunteer For Position

Concerned Baker House residents met Sunday night to discuss a "lame duck" situation existing in the Social Chairmanship of the dorm.

House President Frank Tapparo, '60, said there was a "lack of interest in social proceedings in general in the present social committee." He said that he had been hopeful of finding an interested group and had called the meeting for such a purpose.

Several suggestions were made concerning the present administrative set-up. One was to have the individual halls (six in all) each sponsor parties; another was to have an elected social committee, rather than the one chairman.

Paid Chairman Suggested

Attending the meeting was Tom Heinscheimer, '60, a former social chairman of Baker House. Heinscheimer suggested that Baker House Committee give him the \$350 social allocation to use at his own discretion. Heinscheimer was in favor of a sub-contract set-up in which he turns over funds to sub-chairman to use in completing assigned tasks.

Several members of the group present objected violently to this proposal and Don Graham, '61, and Jesse Sherff, '62, volunteered for the offices of social chairmen. Graham, an aspirant for the Presidency of Baker House stated: "I can't afford the time but something had to be done."

Tapparo commented that he was very happy to find the "nucleus of interested students necessary to make the social activities of Baker House a success."

Dizzy and Horn



"Dizzy" Gillespie and Company will appear tomorrow night from 8:30 to 11:00, at Kresge Auditorium, under the auspices of the class of '62. Tickets are on sale at \$1, \$1.50, and \$2 in the lobby of Building 10 or may be reserved by calling ext. 2902 before 5:00 P.M.

Vance Packer Speaks Today Topic Is The Status Seekers

Vance Packard, author of *The Hidden Persuaders* and *The Status Seekers*, will appear in Kresge Auditorium, at 7:30 P.M. today, under the auspices of the Lecture Series Committee. The lecture will be free.

Vance Packard's second book which reached the best-seller list was *The Status Seekers*. This describes a society which is becoming more rigid and stratified. Certain marks are cited as the accepted prerequisites to advancement in the business or social hierarchy. These distinguishing marks are the "status symbols" of modern society. The struggle to acquire these symbols furnish the title of Vance Packard's book as well as the title for the lecture.

Vance Packard was born in Granville Summit, Pennsylvania. He received his bachelor's from Pennsylvania State College and a master's from Columbia Graduate School of Journalism. He became acquainted with Boston as a feature writer for the *Boston Daily Record*. In 1938 he returned to New York City to write for the *Associated Press* and later the *Crowell Collier Publishing Company*. However, he is not a stranger to the speaker's platform. Early in World War II he lectured at the Graduate School of Journalism at Columbia. Since 1944 he has been on the faculty of New York University.

Debate Team Falls In Meet

Twenty-nine schools participated in the MIT Debate Society's six-round, 15th Annual Invitational Debate Tournament held on Friday and Saturday. The topic for debate was "Resolved: That Congress should be given the power to reverse decisions of the Supreme Court."

The use of MIT's seeding system — a system of watching strong teams as they are indicated by first round results — made this tournament the only seeded tournament in the East.

The six top teams, all with a 9-3 record, were Bates, Bowdoin, S. Conn., Wesleyan, St. Peter's, and the University of New Hampshire. Awards were presented at a banquet Saturday night in the Campus Room of the Graduate House for the top teams, top affirmative and negative teams, and top affirmative and negative speakers.

Gaining valuable experience for MIT were four freshmen — John Castle and Norm Langemach, affirmative; and Steve Wanner and Dan Bourley, negative.

George Bedell, '61, served as tournament chairman.

Tech Show Director Quits; Now To Be Musical Revue

A dispute over policy has ended with the resignation of Tom Doherty as Director and script writer of Tech Show '60, leaving Harold Holzer as Director of the show.

The dispute was centered over whether or not this year's show should be a musical revue or a musical comedy. In the resolving of the dispute, which led to Doherty's resignation, it was decided that the show would be a musical revue, a form which Doherty did not favor. Doherty, according to Holzer, definitely was not fired and was, in fact, asked to remain. Holzer made a definite point of the fact that it was a dispute over policy alone, and was not a personal dispute. Doherty was not available for comment on the situation. Up until Tech Show '56, all the shows had been musical revues and only the last four have been musical comedies, Holzer pointed out.

Both Holzer and Professor Bill Greene, faculty advisor for Tech Show '60, stated that the show is in pretty good shape. Greene told a *The Tech* reporter the show is being straightened out now, while Holzer said that the show at present is in very good shape. He stated that at present 19 musical acts are in the final stages of rehearsal and that the chorus is one of the best he has ever seen for a Tech Show. Holzer said that differences in policy may arise in any organization, but it is unfortunate that this one came up so late. He was quick to add, however, that this would not affect the quality of the show.

DATE FOR ALL TECH SING SET

Dean F. G. Fassett has been chosen by the Baton Society as the Master of Ceremonies for this year's All Tech Sing, which will be held Saturday, March 12, in Kresge. Fassett will introduce the choral groups as well as providing a general cohesiveness for the show.

All Tech Sing, sponsored by the Baton Society as an incentive to informal singing, has its beginnings lost in antiquity, according to Noel Bartlett, '60, chairman of the Baton Society committee for organizing the show. Living groups will receive their applications this week Bartlett stated. A five dollar fee is required with the application which is due March 4. This is refunded if the singing groups are ready to go on stage at 7:45 of the show night.

Judges to be Announced

All entertainment for the show must be of a singing nature, although instrumental accompaniment is allowed. Singing will be in either a "serious" or a "light" vein, and

a first and second prize will be awarded in each group. The three judges for the competition will not be announced until the night of the sing.

"Egbert" to Be Given

In addition to the prizes in the two groups, two other awards will be made. The "Egbert" Award will go to the group with the best novelty act. Last year's Egbert prize went to the Associated Women Students and consisted of a stuffed beaver with a red tail. The Egbert prize is traditionally held a secret and has, in past years consisted of such things as a pair of antlers, an antique lamp, and a pair of live rabbits.

The grand award of the evening, a cup, will go to the group judged, so to say, "Best in Show". The winner of this cup will be chosen from the winners of the serious and light groups and the winner of the Egbert award. Last year's winner of the cup was Sigma Phi Epsilon.

Guess Egbert Contest

A special feature of the All Tech Sing will be the "Guess the Egbert" contest which has been held in past years. The person who comes closest to guessing the substance of the prize wins a refund of his admission fee. A guess of a stuffed beaver (lacking the red tail) was close enough to win last year. Guesses can be made at the ticket booth in the lobby of building 10. Although it is not necessary to buy a ticket to guess, the winner must, of course, be present to collect his prize. Tickets will cost 75c each.



Hell, or Help Week, found pledges of MIT fraternities in many and varied places. Shown above are Don Wickland and Walter Dence, SAE pledges, doing constructive work at the Newton Community Center. A number of MIT's fraternities include such useful community service as an integral part of their pre-initiation activities.

Secret Crush on a Secretary?? Techretary of Week on Page 3

Levine Enters UAP Race Jaffe Welcomes Rival

The UAP contest became more than a white ballot election as Richard C. Levine, '60, announced his candidacy this weekend. Levine, a Course VIB junior on the five-year program, released the following statement:

"I am announcing my candidacy with a motivation which is two parts public service and one part personal gain. My campaign unfortunately appeals to the student who doesn't vote because he is fed up, and I hope I can change his mind.

I have no illusions about what Inscomm can do, and my plans lie in several important and useful areas. Implementing the desirable recommendations of the Ryer Report, to



Richard C. Levine — Second to announce candidacy for UAP.

Q Club Elects

Seven new members have been elected to Q Club, the Sophomore Honorary. Those elected were Robert Brady, John Costello, James Kirkman, Robin Lytle, Chester Riley, Steve Smith, and Juri Toomre.

In addition, the Q Club has undertaken a "Sports at MIT" publicity program headed by Chuck Gamble, Q Club Vice President. A bulletin board entitled "Sports at a Glance" will be installed at a yet-to-be-determined location in the Institute. Future sports events along with pertinent information will be posted.

Jaffe Replies

Ira Jaffe, first to announce for UAP, had this to say regarding Levine's entry into the race: "I welcome the opportunity offered by competition which will allow the important issues in the UAP campaign to be debated. In the past few weeks I have been meeting with several groups on campus and I am in the process of personally visiting as many students as possible in order to obtain a variety of opinions. This will enable me to present a well-informed and more comprehensive platform which I will submit for publication in a forthcoming issue of *The Tech*."

Lack of Interest in Election

Jerry Staack, '61, chairman of elections, expressed concern for the lack of interest of the student body and its potential leaders. As of Friday, only two candidates had announced for UAP and only five petitions were being circulated for the 14 class offices to be filled. No one had taken out a petition for a position on the six-man Senior class executive committee, according to Staack.

Things Promised — Things Given

Levine stated that he had been asked by a number of persons to run for UAP. He cited the Ryer Report as an example of things promised to the student body by the administration which were slow in being fulfilled. Levine will graduate in the June of '61 with a B.S. and S.M. Levine lives in an apartment on Mass. Avenue and has been publicity director of LSC, National Sales Manager of Voo Doo, and on TEN board. In addition he has tutored and is a member of Eta Kappa Nu.

APO Holds Swim 200 Scouts Here

Cambridge Boy Scouts hit the Alumni Swimming Pool en masse Saturday night for the first of nine sessions. The program, sponsored by APO, includes instruction for non-swimmers, beginners, and those who are seeking the Swimming Merit Badge, as well as instruction in Red Cross Lifesaving.

Dark Picture

It is a sad commentary on MIT students to note that the Baker House Social Committee, in informal meeting Sunday night, was forced to consider seriously a proposal that included, substantially, paying a Social Chairman for his services. Baker House, in common with the activities and teams on this campus, faces the continuing desire of the MIT student to enjoy all of the advantages but none of the responsibilities of group activities.

The recent problems with Tech Show stem largely from the fact that it is not, and has not been for some time, an undergraduate activity. Getting Tech Show on stage has required the services of students from other schools, graduate students, and graduates, all in large numbers. The MIT Ski Club could have a fine facility in the Woodstock, Vermont, ski area; several of the old Westgate prefabs have been donated, and the property is available. All that is lacking is the labor of ten men for one day, to put the building up. And, as we go to press, there are still fewer candidates than there are offices in the class elections.

Tech Show plays to full houses, but cannot find enough interested undergraduates to stage its productions; large numbers of Techmen evacuate to the ski slopes over mid-term vacation, but not ten are available to build a low-cost community ski facility; Bakermen flock to the parties held in that dorm, but the social committee considers paying someone to be social chairman; large numbers of Techmen enjoy the benefits of class organization, but few can be found willing to run for office.

MIT has long held a policy of letting its students run their own affairs. Thus any activities on campus are here because we want them, not because the Administration wants them. This is a fairly adult method of handling the situation, and is a direct challenge to us as a student body to cut out extraneous or non-undergraduate activities. Thus Tech Show should be dropped from the MIT scene because of the lack of interest of the undergraduates in anything but attending the final performance. Baker House, if again faced with a lack of people willing to be social chairman without pay, should seriously consider dropping the social program first. And, as we have said before, the classes faced with a lack of candidates should cut out the extraneous offices.

In the light of all the foregoing, it is encouraging to note that the picture, like all discouraging pictures, is not entirely black. The members of MIT's Concert Band, as mid-term ambassadors of the Institute (see below), have acted in the manner of those who have something else than self-interest at heart, and for this they deserve the community's respect and admiration.

midterm ambassadors

From the editorial page of the February 4, 1960, issue of the Asbury Park Evening Press of Asbury Park, New Jersey, comes the following:

MIT Students Set an Example

If adults have misgivings at times because of some problems related to juvenile behavior they should not forget that most young people are making a mark in life by exemplary conduct.

A case in point is the recent appearance in Wall Township High School auditorium of the concert band of the Massachusetts Institute of Technology. The concert pleased 500 persons and provided \$600 for the boys' and girls' work projects of the Belmar Kiwanis Club.

Some facts of what went on behind the scenes and not generally known to the audience have come to our attention. The students at MIT who provided such a fine performance arrived in Belmar by bus in a rather exhausted condition, some with only a few hours' sleep. They had just completed two weeks of midterm examinations, they sacrificed three days of their winter vacation to keep the engagement, and they kept their expenses to a minimum in order that the profits from the concert would provide substantial services to boys and girls served by Kiwanis.

The day following the Kiwanis concert the students left for engagements in New York and Brooklyn.

MIT has earned a reputation for attracting bright young minds to the sciences. It can now make another claim, namely that it boasts students who through personal sacrifice are meeting their growing responsibilities to society.

The Tech

Entered as second class matter at the post office at Boston, Massachusetts. Published every Tuesday and Friday during the college year, except college vacations, by THE TECH — Walker Memorial, Cambridge 39, Mass. Telephone TR 6-5855-6 or UNIVERSITY 4-6900, Ext. 2731. Twenty-four hour answering service: TR 6-5855.

VOL. LXXX February 12, 1960 NO. 1

Linda Greiner, '60	Chairman
Charles Muntz, '62	Managing Editor
Brian Strong, '62	Business Manager
Joseph Harrington III, '61	Editor
Barry B. Roach, '62	News Editor
Thomas Brydges, '62	Sports Editor
Herbert Taylor, '62	Photography Editor
Henry McCarl, '62	Associate Managing Editor
John Barnard, '63	Advertising Manager
Howard Kirkendall, '63	Circulation Manager
Jean Pierre Frankenhuys, '61	Associate Editor

gallery guide

An exhibit of 190 photographs concerned with architecture, and displaying the work of Richard Neutra, opened recently in the Hayden Library Gallery. Hours are 10 to 5 Monday through Friday, and 2 to 5 Saturday and Sunday. The exhibit closes March 6th.

Neutra

When we speak of architecture, we usually refer to a special group of structures: buildings which do more than house a series of functions. We refer to buildings which achieve their usefulness delightfully, and which leave us with an image of how and why they were put up.

The show presently in the Hayden Library is of the architectural work of Richard Neutra, and was assembled by the University of California at Los Angeles, which has been named the guardian of Neutra's papers and plans. Neutra, born in Vienna in 1892, studied there at the Polytechnic Institute under Otto Wagner, then travelled widely in Asia, and later was associated with Frank Lloyd Wright at Taliesin. In 1925, Mr. Neutra settled in Los Angeles; and since then has waged a fight for Modern Architecture all along the California coast. Over the years his work has been seen in the context of Sentimental Spanish buildings; and now, Glorified Google. At the start it was alone in its style — now it is among the best of contemporary work. It does not seem dated.

Neutra and History

Neutra's place in architectural history has not yet been fixed. His creations are of such high quality that he has received more than fifty awards; but he has not found himself the first to expose particular, influential doctrines, yet he consistently has been among the first with his buildings. Certainly, Neutra has not influenced his contemporary architects to the extent that the Great Triumvirate of the Twentieth Century — Wright, Van der Rohe, and Le Corbusier — have influenced him. As we looked through the fine photographs, there seemed to be something of all three Greats in Neutra's work. The arcade of the Los Alamitos school is crisply Miesian; the Sokol and Treweek residences at Silver Lake remind us of Wright; while the early Health House (1927) is a visual incarnation of Le Corbusier's idea of architecture, with the magnificent play of light and shadow on plastic masses. None of Neutra's work copies these men exactly, however. He seems to have understood the core of their ideas, and withdrawn his stimulation far from the exaggerations that sometimes seem necessary to make new ideas stick. And who can say for sure just how much of his stimulation did come from others? In any case, Neutra's work never looks as if he had used one idea here and another there. Each of his buildings shows an amazing consistency within its own boundaries; and his output, viewed as a whole, is also "one". This output is extremely wide, too, encompassing schools, hotels, hospitals, churches, embassies, museums, colleges, and city planning projects in the U. S., Guam, Venezuela, and Spain.

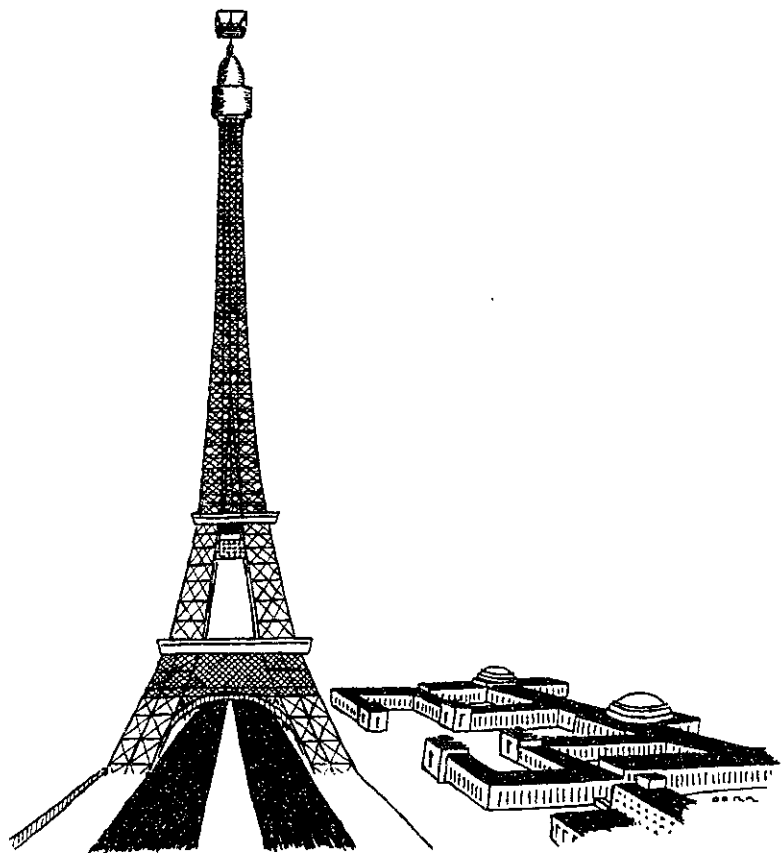
His Personal Expression

Neutra seems to have come into his own right with such commissions as the 1946 Edgar Kaufmann Desert House and the 1947 Warren Tremaine residence at Santa Barbara. These homes fit their sites; more than that, they use them. They utilize the latest structural and mechanical techniques understandingly. These houses are practical, if luxurious. Above all, they are elegant images of how contemporary man might live.

Neutra's work has been accused of being glossy, slick, and Hollywoodish. Indeed, these structures are so frictionlessly ingratiating, that one tends to overlook the great care that has been expended to make them humanly useful. For us, his sense of stylish proportion, appropriate siting, and artistic inspiration make his buildings nearly always wondrous. He has been concerned almost scientifically with man: man's reactions and stimulations. By this concern he has achieved his consistent design approach. This approach never has been bumbling or heavy-handed; it never has hindered the work of art. As with most artistic theories and philosophies, Neutra's seems to be the hook he hung his inspiration on, rather than a boundary for his expression. If we imagine America as bare of buildings as it once was, and then think what has blighted that defenseless virgin vista since, we can only wish that there had been more Neutras to design buildings understandingly, uniting earth and man with inspiration.

The show in the Hayden Gallery is handsomely mounted; the photos themselves are very fine examples of the photographer's art. Because Neutra is less known than some other architects, he is not less fine. Thus this comprehensive and pleasurable look at Neutra's best designs is especially welcome. Don't miss it.

— Howard Hershberger, '60



GOT AN IDEA

with market potential?

Two men, (an MIT alumnus and a graduate business student) would like to work with you in establishing a mutually profitable business. We can provide capital, etc.

For details call TR 6-5025 or write P.O. Box 171, Cambridge 39, Massachusetts.

Campus to Career

An executive of the Warner & Swasey Co., leading manufacturers of machine tools, textile machinery, earthmoving equipment and other precision machinery will visit MIT on February 18, to interview high caliber men with technical backgrounds or mechanical interests who are looking for a career in research, development, engineering, sales, manufacturing or finance.

This medium sized company offers programs planned to prepare you rapidly for positions of responsibility in line with your background, training, and objectives.

See your placement director to arrange an interview, or write direct to: C. W. Ufford, Director of Industrial Relations,

The Warner & Swasey Co.
Cleveland 3, Ohio

Folk Music
Nightly & Sun.

Exeter at
Huntington

at Copley
Sq. Hotel

KE 6-9000

LEON BIBB

plus: Joan Baez, Ted Alevizos, others

Beta Alpha Chapter of Phi Lambda Upsilon, National Honorary Chemical Society, will hold an open meeting this Thursday which will include a panel discussion by several of the MIT religious counsellors. The panel will consider such questions as: "What is the effect of science on human value?" and "What are the responsibilities of the scientist in society?"

The public is invited to attend at 8:00 in Library Lounge, 14E-310, February 17.

Harvard Undergraduate Teachers Invites
MIT
to
Teach now in area schools . . .
Lab work, assisting teachers . . .
Volunteer your interest in science to public education . . .

Get: Information and reports from present volunteers
At: Phillips Brooks House, Harvard University

Thursday Evening, February 18, at 7:30 P.M.

The Tech's Techretary of the Week



VI Secretary Leads List

Miss Carol Shupbach, who works in Room 10-381 for Professor Arthur L. Loeb, is The Tech's first Techretary of the Week. Twenty-three years old, Carol hails from Attleboro, Massachusetts, and has worked at the Institute for two and a half years.

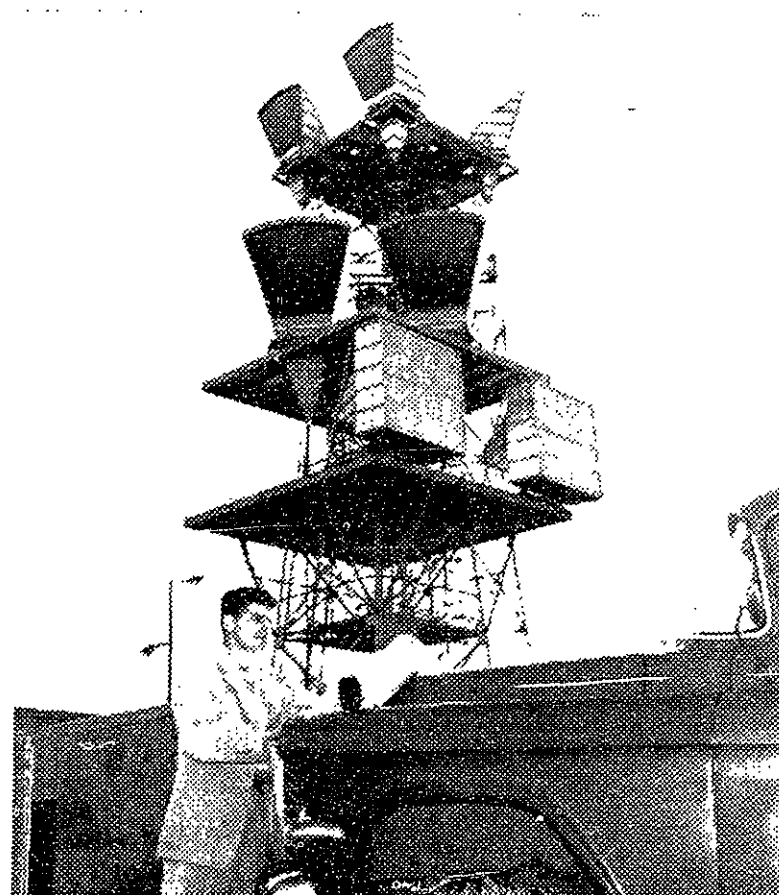
Carol is five feet, seven inches tall, has brown hair and brilliant blue eyes. Asked how she spent most of her spare time, Carol replied, "Climbing the stairs to my fourth floor apartment."

Carol has set up a small plant collection in her office, along with her assortment of Nebishes, (three dimensional caricatures). An active girl, Carol likes to ski and is interested in good music.

About Tech men, Carol said she had a "great respect for their brilliance."

Nominate Your Secretary

Find your glance wandering into the offices around the Institute? See some lovely Techretary but don't know her name or how to meet her? Like to know? Then enter her name, or office number, or boss on The Tech's official entry blank. Drop this nomination in The Tech's office on second floor, Walker Memorial or use the Institute mailing system. Nominations will be considered on a most votes first basis so make your selection now. And watch for your Techretary on page three of The Tech. Nomination blanks are on page four of this issue.



Dick Ernsdorff studies a microwave site-layout chart atop a mountain near Orting, in western Washington state. On assignments like this, he often carries \$25,000 worth of equipment with him.



Here, Dick checks line-of-sight with a distant repeater station by mirror-flashing and confirms reception by portable radio. Using this technique, reflections of the sun's rays can be seen as far as 50 miles.

He wears two kinds of work togs

For engineer Richard A. Ernsdorff, the "uniform of the day" changes frequently. A Monday might find him in a checkered wool shirt on a Washington or Idaho mountain top. Wednesday could be a collar-and-tie day.

Dick is a transmission engineer with the Pacific Telephone and Telegraph Company in Seattle, Washington. He joined the company in June, 1956, after getting his B.S.E.E. degree from Washington State University. "I wanted to work in Washington," he says, "with an established, growing company where I could find a variety of engineering opportunities and could use some imagination in my work."

Dick spent 2½ years in rotational, on-the-job training, doing power and equipment engineering and "learning the business." Since April, 1959, he has worked with microwave radio relay systems in the Washington-Idaho area.

When Dick breaks out his checkered shirt, he's headed for the mountains. He makes field studies involving micro-

wave systems and SAGE radars and trouble-shoots any problem that arises. He also engineers "radar remoting" facilities which provide a vital communications link between radar sites and Air Force Operations.

A current assignment is a new 11,000 mc radio route from central Washington into Canada, utilizing reflectors on mountains and repeaters (amplifiers) in valleys. It's a million-dollar-plus project.

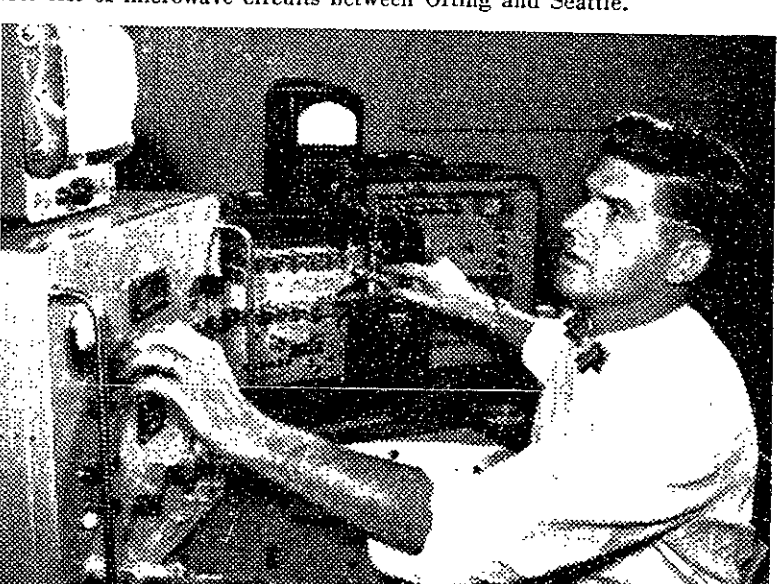
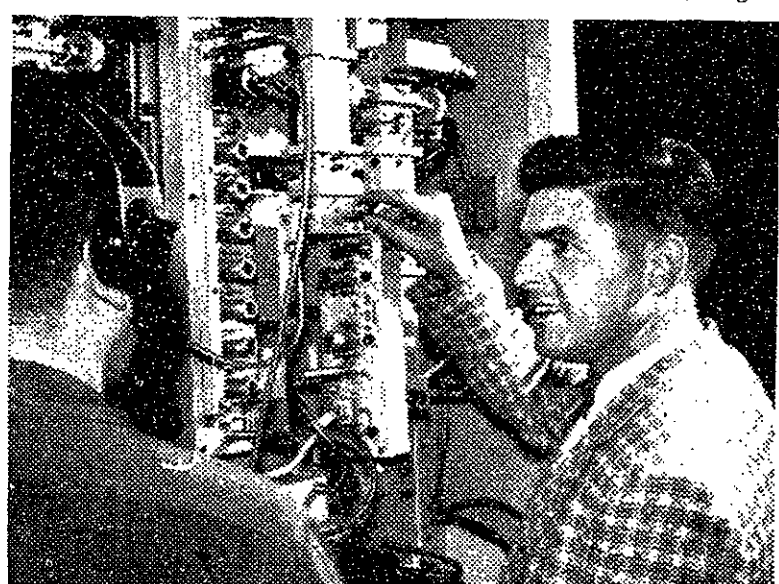
"I don't know where an engineer could find more interesting work," says Dick.

You might also find an interesting, rewarding career with the Bell Telephone Companies. See the Bell interviewer when he visits your campus.

BELL TELEPHONE COMPANIES



In the Engineering Lab in downtown Seattle, Dick calibrates and aligns transmitting and receiving equipment prior to making a path-loss test of microwave circuits between Orting and Seattle.



Gerald Moore Talk-Recital To Be Given

Gerald Moore, noted British accompanist and author, will present a lecture-piano recital entitled "The Accompanist Speaks", at Kresge, on Sunday evening, February 28. His Cambridge talk is part of his second American tour and is sponsored by the Choral Society as part of the MIT Guest Artist Series.

Over the years Mr. Moore has accompanied some great singers and instrumentalists including Madame Kirsten, Flagstad, Lauritz Melchior, John McCormack, Casals, Elman, and Menuhin. It is said that his name appears on more record labels than that of any other writer.

His two books, "The Unashamed Accompanist" and "Singer and Accompanist" have done much to make people realize what the art of accompaniment means.

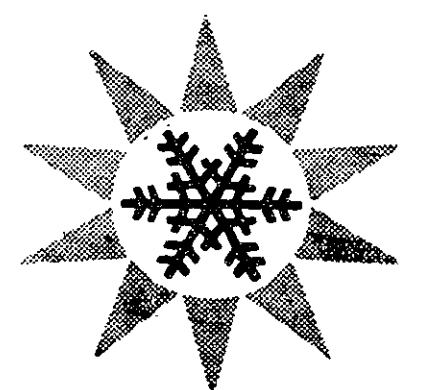
Mr. Moore's performance here is the first of three musical events in the Guest Artist Series. Tickets for Mr. Moore's lecture-recital or tickets for the series may be obtained by writing to the MIT Choral Society, Kresge Auditorium, or by calling ext. 2902.

EGBERT

SOPHOMORES

Due to Washington's historical prominence we find ourselves with a three-day weekend. Let us pay homage. Sigma Iota Phi will imbibe till five (starting at three Saturday) at Sigma Nu, 259 St. Paul St., Brookline. Concubine fine.

MORE SUN



MORE SNOW



For folders, information or reservations, write lodge of your choice or Box 206CG, Stowe Area Association, Inc., Stowe, Vermont.



College Men Need Several Arrow Oxford Buttondowns

Check your supply . . . the average college man owns at least ten shirts. He consistently buys oxford cloth shirts with the Arrow label. Reason? Only Arrow offers the authentic, soft roll collar, luxurious "Sanforized" fabric. Ask for the "Dover" collar. \$5.00.

→ARROW→

Wherever you go . . .
you look better in an Arrow shirt

OFFICIAL NOMINATION BLANK

TECHRETARY OF THE WE

Name Date

Office No. Extension

Immediate superior or professor

Nominated by

Mail to THE TECH, Room 50-211, Walker Memorial



NOW PLAYING

**"ONE OF THE
10 BEST PICTURES
OF THE YEAR!"**

—PAUL V. BECKLEY, *World Tribune*
—KATE CAMERON, *Daily News*
—BOSLEY CROWTHER, *N. Y. Times*
—ALTON COOK, *World-Tele. & Sun*

**"DAZZLING and perfect as a
diamond . . . a work of art!"**

—ARCHER WINSTEN, *Post*

**"NOT TO BE MISSED!
One of the most unusual
pictures of this or any year!"**

—JUSTIN GILBERT, *Mirror*

**"AN AMAZING
CREATION!"**

—Time

"★★★★★!"

—Daily News


BLACK ORPHEUS

WINNER OF GRAND PRIZE
CANNES FILM FESTIVAL 1959

The New **CAPRI** In Copley Square
CO 7-8030

The whole is equal to the sum of its parts

(But some of its parts are more equal than others!)



Even Euclid had to admit...

It's what's up front that counts

Euclid proved that a straight line is the shortest distance between two points. And if you'll walk a straight line to the nearest pack of Winstons, you'll find it the shortest distance to a really enjoyable smoke. It's the tobacco up front that makes

the difference and that's where Winston packs its own exclusive Filter-Blend—a special selection of light, mild tobacco, specially processed for filter smoking. You'll find Filter-Blend gives Winston a flavor without parallel. In fact, it's axiomatic that...

WINSTON TASTES GOOD, LIKE A CIGARETTE SHOULD!

R. J. REYNOLDS TOBACCO CO., WINSTON-SALEM, N.C.

PROFESSIONAL POSITIONS

of an exceptional calibre

for

ELECTRICAL ENGINEERS PHYSICISTS MATHEMATICIANS MECHANICAL ENGINEERS

Electro-Optical Systems is a research and development organization engaged in furthering advanced technological concepts for military weaponry, space, and industry. The company's distinguished programs, which emphasize the study of fresh ideas and carry them through to development of prototype hardware, have created rewarding opportunities for well-qualified graduates and post-graduates interested in allying themselves with a dynamic, expanding organization. Exceptional openings now exist for men with interest or experience in the following:

- SOLID STATE PHYSICS
- MICROMINIATURIZATION
- TRANSDUCER DESIGN
- MATERIALS RESEARCH
- ION AND PLASMA PROPULSION
- EXPLODING WIRES
- MAGNETOHYDRODYNAMICS
- ELECTROMAGNETICS
- NUCLEAR AND MOLECULAR PHYSICS
- NOISE AND INFORMATION THEORY
- HEAT REJECTION STUDIES
- ENERGY CONVERSION TECHNIQUES
- ADVANCED POWER SYSTEMS
- ELECTRONICS SYSTEMS
- SYSTEMS ANALYSIS AND DESIGN

Appointments for interviews on Tuesday, February 23, can be arranged through the Student Placement Center.

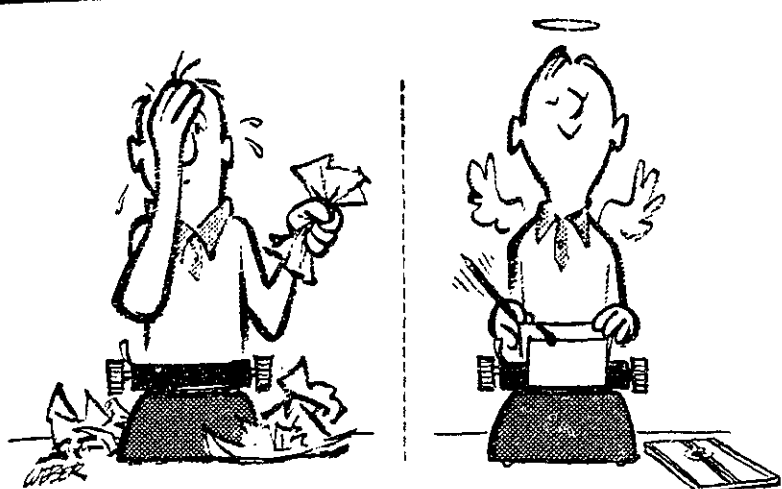
ELECTRO-OPTICAL

**E
O
S**

SYSTEMS, INC.

125 NORTH VINEDO AVENUE, PASADENA, CA

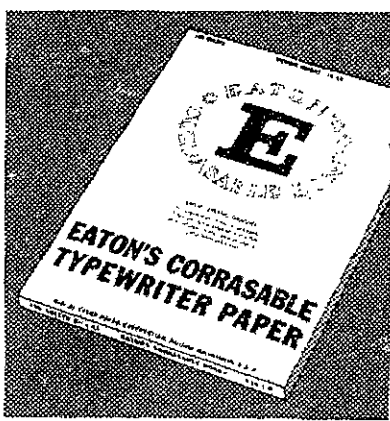
EK



To err is human...
to erase, divine with

EATON'S CORRASABLE BOND Typewriter Paper

Try it! Just the flick of a pencil-eraser and your typing errors are gone! It's like magic! The special surface of Corrasable Bond erases without a trace. Your first typing effort is the finished copy when Corrasable puts things right. This fine quality bond gives a handsome appearance to all your work. Saves time and money, too!



Erasable Corrasable is available in light, medium, heavy weights and onion skin. In convenient 100-sheet packets and 500-sheet ream boxes. A Berkshire Typewriter Paper, backed by the famous Eaton name.

EATON'S CORRASABLE BOND
Made only by Eaton

EATON PAPER CORPORATION  PITTSFIELD, MASSACHUSETTS

DO you Know Who
took YOUR Esterbrook
PEN ? I did —
and I'M holding it
for RANSOM !
IF you WANT to
redeem the hostage
THAT has 32 interchangeable
POINTS you may do it For

THE CLASSIC FOUNTAIN PEN Just \$2.95.
Other Esterbrook pens slightly higher.



Esterbrook Pens

THERE'S A POINT CHOICE OF 32—ONE IS CUSTOM-FITTED FOR YOU!

fine medium broad student

Dr. Neuman Describes Purpose of American Jews: To Transmit the Message of Israel to the World

by Jeffrey I. Steinfeld, '62

A new message for the world will come out of Israel, and the American Jews will be of great importance in transmitting this message, according to Dr. Abraham Neuman, President of Dropsie College. Speaking in Kresge Little Theatre last Sunday night, Dr. Neuman explained in prophetic terms his concept of a new Renaissance of Judaism in America.

Dr. Neuman adduced examples to demonstrate his contention. In the Jews' brief history in America — just 300 years — a high quality of scholarship has developed; the Conservative and Reconstructionist modes of worship have arisen; a Hebrew and a

Judaic-English literature have taken shape.

Other Centers Slow

In comparison, Dr. Neuman noted that the rich and important Jewish community in Babylon was culturally inactive for eight hundred years. From the Exile in 586 B.C. to the beginning of the Talmudic Period in 200 A.D., nothing was produced. The community in Spain, settled during Roman times, was inactive until the tenth century A.D.; the German community produced nothing between 1200 and 1800.

Dr. Neuman explained this series of inaction and sudden rebirth by an "intuitive sense" of rhythm and pat-

tern extending over thousands of years. He noted that the rise of the Gaonic Period in Babylon in 200 A.D. preceded the destruction of Palestine by Constantine by about a century. The Renaissance in Spain preceded the destruction of the Gaonate by 150 years. Before the destruction of the community in Spain in the 14th century, the Polish and Lithuanian communities came to the fore. The German Jews became important just before the Lithuanians destroyed themselves by assimilation; and the American community took its place just prior to the destruction of the German Jewry by Hitler. Dr. Neuman
(Continued on page 8)



Stays moist and firm throughout your shave!
regular or new mentholated

Take your choice of new, cool mentholated or regular Smooth Shave. Both have rich, thick Old Spice quality-lather that won't dry up before you've finished shaving. Both soften your beard instantly—end razor drag completely. For the closest, cleanest, quickest shaves... try Old Spice Smooth Shave!

Old Spice
SMOOTH SHAVE
by SHULTON

100

SOCIAL MATHEMATICS 488-489
Making After-Hours Count
Prof. Tangent

Principles of Accounting. Accounting for time not spent on dates by males using ordinary hair tonics. Accounting for time well spent on dates by males using 'Vaseline' Hair Tonic. Dr. Frightwig's Theorem (water + hair = dust-mop hair). Proof that 'Vaseline' Hair Tonic replaces oil that water removes, makes men's hair irresistible to women. Application of proof by application of 'Vaseline' Hair Tonic. For students who have taken Applied Magnetism 405-406 but do not intend to spend weekends studying.

Materials: one 4 oz. bottle 'Vaseline' Hair Tonic



it's clear,
it's clean,
it's
Vaseline®
HAIR TONIC

'Vaseline' is a registered trademark of Chesebrough-Pond's Inc.

LIF


Saturday, March 19
8:30 P.M.

JORDAN HALL
KE 6-2412

ODETTA

A Concert in the Folklore Concert Series

Tickets: \$3 and \$2.20 MAIL ORDERS NOW



BRATTLE THEATRE
Harvard Square

Seventh Anniversary Program
Never Before Shown!!

IVAN THE TERRIBLE — Part II
(The Revolt of the Boyars)

5:30 7:30 9:30

Fencers Stab Connecticut 20-7; Foil, Epee Squads Lead Triumph

The varsity fencers added to their winning streak with a lopsided triumph at the hands of the University of Connecticut Saturday. Wrapping up their third straight decision by the end of the second round of contests, they proceeded to run up their most impressive score of the season.

Contributing equally well to the victory were the always-consistent foil squad and a much improved epee team: both captured eight out of nine bouts. The sabremen, missing the services of letterman Karl Koepke, '60, were vanquished in five out of nine encounters.

Yarbrough Wins Three

Jerry Yarbrough, '60, recorded a 3-0 record, Captain Sherman Karp, '60, took his two matches and sophomore Dave Wakeman triumphed in

his bout for the powerful foil team. Wakeman succeeded in defeating UConn's No. 1 man, Luther McPherson, '60, took the other two foil victories.

Rogers Triple Victor

The epee squad was sparked by junior "Buck" Rogers, who was outstanding in recording his 3-0 score. Chuck Haspel, '60, was 2-0, and Bill Julian, '61, polished off his one opponent in the extraordinary time of 46 seconds. Sophomore Stu Nelson also provided two triumphs.

The comparatively poor score of the sabremen is indicative mainly of the tough opposition furnished by UConn. Joe Verderber, '60, for instance, was victorious in two out of three matches but was defeated by last year's New England champion.

Harvard Match Wednesday

The fencing squad next sees action Wednesday, hosting Harvard at the DuPont Center, at 7 P.M. Friday the swordsmen travel to Buffalo. Matches at Columbia and Stevens will end the regular season. The New England championships will be held in early March.

Intramural Hockey Playoffs Under Way

A field of ten teams, winners and runners-up in the five leagues, will be shaved to two finalists for the intramural hockey championship by Friday night, according to Leo Gagan, IM hockey manager.

The single-elimination series, which opened with three games Sunday and two contests scheduled Monday, will continue with two games Thursday evening and one contest Friday night.

The finals will be played early next week, all games being played on the Briggs Field rink.

Sunday's winners were Theta Chi (over Non-Resident Students, 2-0), Theta Delta Chi (over Phi Beta Epsilon, 4-3), and Grad House (over Sigma Nu, 3-1).

On Deck

Tuesday, February 16	
Varsity hockey with WPI	7:00 P.M.
Wednesday, February 17	
Varsity basketball with Tufts	8:15 P.M.
Freshman basketball with Tufts	6:15 P.M.
Fencing with Harvard	7:00 P.M.
Varsity wrestling with WPI	8:00 P.M.
Freshman squash at Middlesex	
Freshman hockey with Lawrence Academy	4:00 P.M.
Friday, February 19	
Fencing with Buffalo	7:30 P.M.
Rifle at BU	
Freshman swimming at Brookline	

ENGINEERING OPPORTUNITIES for Seniors and Graduates in

PHYSICS
APPLIED MATHEMATICS
ENGINEERING MECHANICS
ENGINEERING PHYSICS
AND
AERONAUTICAL, CHEMICAL,
ELECTRICAL,
MECHANICAL,
METALLURGICAL,
and NUCLEAR
ENGINEERING

CAMPUS INTERVIEWS

WEDNESDAY, FEBRUARY 17
THURSDAY, FEBRUARY 18

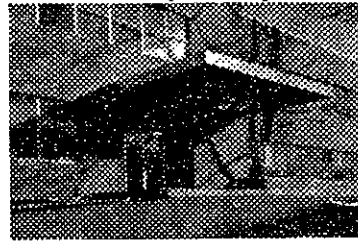
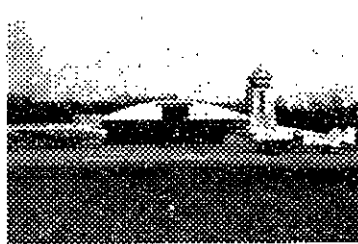
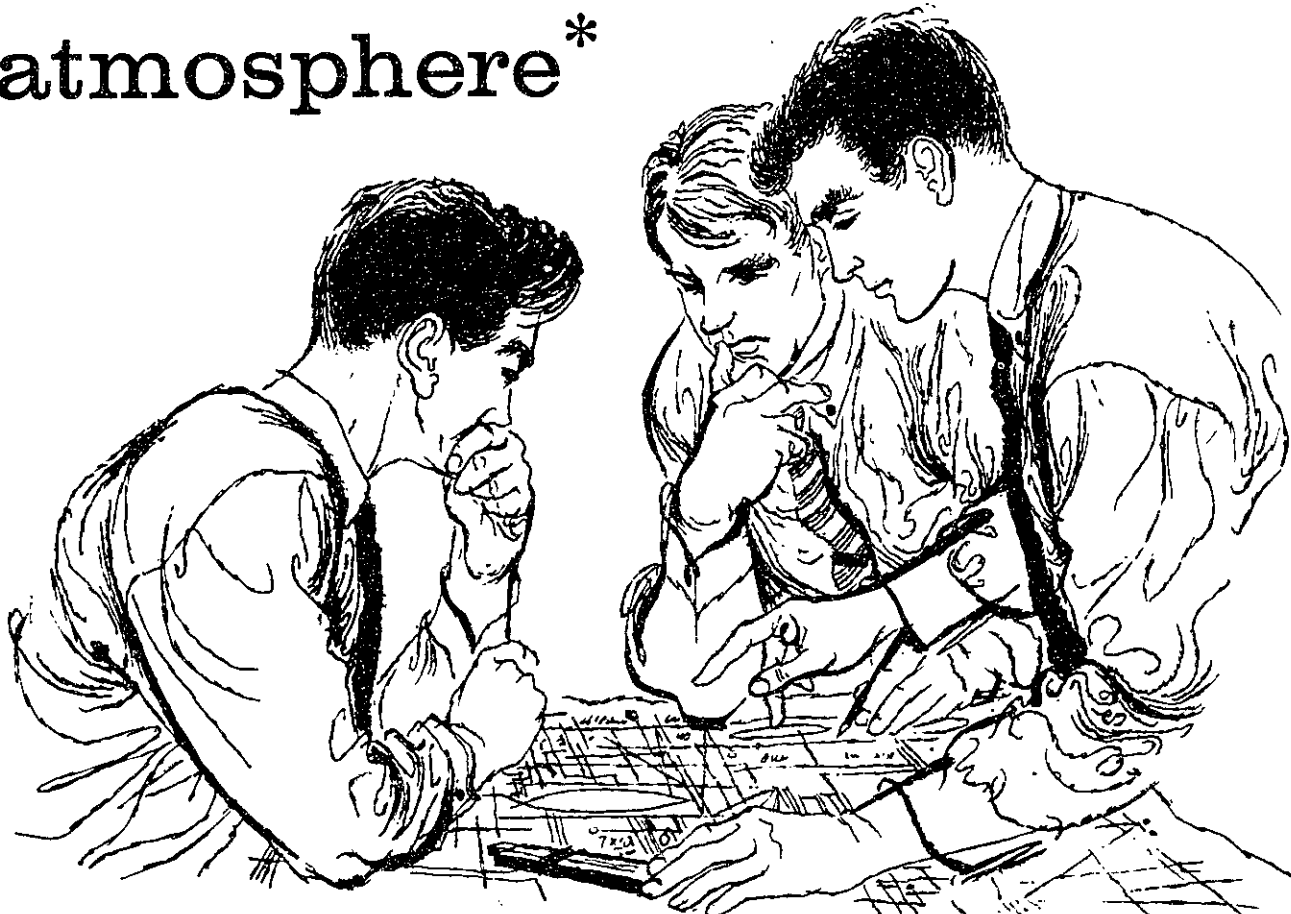
Appointments should be made in advance through your College Placement Office



PRATT & WHITNEY AIRCRAFT

Foremost designer and builder of all types of flight and space propulsion systems

atmosphere*



**a surrounding or pervading influence*

There are several prevailing atmospheres at GPL. The working atmosphere is thoroughly professional. Management is by engineers who understand the engineer's goals, ambitions and working preferences. GPL engineers work in small groups, which encourage original contributions from every individual.

The other atmosphere at GPL involves the physical — the modern buildings and equipment, the excellent research and development facilities. These include an Environmental Test Lab, a Flight Test Section equipped with jet and conventional aircraft, and model shops for both formal prototype and informal experimental work. There is also a modern library of more than 2500 volumes. GPL is situated on 69 estate-like acres less than an hour from New York City, in residential Pleasantville in Westchester County.

At GPL you will have full opportunity to select the work of greatest interest to you, and you may choose to accept a direct assignment in that area, or participate in GPL's training program to broaden your engineering understanding.

These are some of the projects on which you might eventually work:

Air Traffic Control. GPL has a prominent role in the development of digital computer systems and devices for safe, efficient air navigation and traffic control.

Advanced Radar. GPL is the leading designer and builder of Doppler navigation systems, and is actively involved with terrain-clearance, missile guidance, and other radar system applications, both military and commercial.

Research. Advanced studies are underway at GPL on such projects as infrared techniques, Maser amplifiers, nuclear magnetic resonance, and other classified devices.

Industrial TV. GPL is an outstanding developer and producer of broadcast and closed-circuit TV devices and systems, for military and commercial applications.

There are excellent career openings for EEs, MEs, Mathematics and Physics majors.

GPL's representative will visit
February 29

GPL DIVISION



GENERAL PRECISION INC.

GENERAL PRECISION LABORATORY, 63 Bedford Road, Pleasantville, New York

TELEPIX CINEMA

Opposite Stailer

HA 6-1115

"one of the 6

BEST

films of all time"

Brussels, 1958

Jean Renoir's masterpiece

"GRAND ILLUSION"



WHAT PRICE SKI PARADISE?

Along with the great variety of fourteen fine trails at Mad River Glen, there is a great variety of lift tickets — so that you can buy the ticket you can best use. Singles, books, week-day, week-end, 9-day (a great bargain) . . . and season tickets priced as of the day of purchase.

Each one an open sesame to this skiing paradise!

High capacity T-Bar . . . plus improved chair lift facilities assure you of prompt service.



MAD RIVER GLEN

Waitsfield • Vermont
In The "Snow Corner"
of New England

Whip Trinity 51-35

Swimmers Win, Set 2 Records

Burnell West, '60, and Tom Ising, '61, each broke their own varsity records Saturday as the Beaver swimmers downed Trinity 51-35 at Alumni Pool. It was the fifth victory against just one defeat for the Techmen.

Ising, who clipped eight-tenths of a second off the existing 100-yard butterfly mark, was clocked in 1:01.1. It was his first try at the event this season.

In addition, he demonstrated his versatility and endurance with a 2:25.5 triumph in the 200-yard backstroke as well as swimming on the winning medley relay quartet.

West's record-breaking performance came in the 200-yard breaststroke. His new mark of 2:34.2 was one-tenth of a second under the old standard.

Windle Scores Triple

Captain John Windle, '60, was the second MIT triple-victor with triumphs in the 50 and 100-yard freestyle sprints and a fine anchor performance in the medley relay.

In the most exciting race of the afternoon, Dave Stein, '62, was barely beaten by Trinity's Bob Morgan, who turned in a time of 2:18.7 in the 220-yard freestyle. Stein was unofficially clocked in 2:19.0, six-tenths of a second under the varsity standard set in 1951.

Bails Cops Diving

Bill Bails, '62, chalked up his highest point total of the year, 61.51, as he gained the diving victory. Gordon Mann, '62, was close behind.

Cagers Bow To Williams 93-56

By Bill Mihaltse, '62

MIT's varsity hoopsters bowed to Williams College, 93-56, in a Rockwell Cage contest Saturday night. The Engineers had trouble getting started and by the time they sank their first basket, Williams had piled up a 11-0 lead. As the first period continued, the Techmen fell further behind as the red hot Williams quintet ran up a 37-11 lead. At half-time, MIT trailed, 50-24.

How They Did

MIT 20, Connecticut 7
Swimming
MIT 51, Trinity 35
Basketball
Williams 93, MIT 56
Hockey
Bowdoin 14, MIT 1
New Hampshire 8, MIT 4
Wrestling
Coast Guard 17, MIT 3
Squash
Princeton 8, MIT 1
Trinity 7, MIT 2
Rifle
MIT 1414, BU 1387,
Wentworth 1340
MIT 1419, Harvard 1364
Skiing
MIT 3rd (Tufts Slalom)


In the second period the varsity, paced by Hugh Morrow, '60, and Brian White, '61, kept even pace with Williams but were unable to make up their early deficit. MIT was hurt by their lack of rebounding power and the fact that 6 foot 3 inch Tom Burns, '62, and 6 foot 2 inch Howie Ziehm, '62, picked up four personal fouls each.

Bright spots in the MIT picture were the performances of Phil Robinson, '61, who scored nine points and White, '61, who scored ten points. Both men are new additions to the squad just returning from a term on Co-op. Morrow was high man for Tech, scoring 15 points.

Fencing

REFRIGERATORS
To Sell or Rent
Guaranteed and Delivered
Call John at TR 6-0335

G. L. FROST CO., INC.
AUTOMOBILE BODY REPAIRING & REFINISHING
E. W. PERKINS
Tel. ELiot 4-9100
31 LANSDOWNE STREET
CAMBRIDGE, MASS.



A SIKORSKY AIRCRAFT REPRESENTATIVE
IS COMING IN PERSON TO TELL YOU HOW
TO HITCH YOUR ENGINEERING FUTURE
TO A HELICOPTER.

*Please make an appointment through your
College Placement Office for an
Interview!*

THU. and FRI.
FEB. 25 and 26



FUN 'ROUND THE
**Round
Hearth**
STOWE'S GREAT SKI DORM

Warm, casual, glowing with good companionship, the Round Hearth's the lodge to rest and refresh yourself. Hearty fare, dancing, relaxing around the famous circular fireplace—it adds up to fun! Only \$6.25 a day with two meals, \$40 a week. Write for folder or Tel. STOWE, Vt., ALpine 3-7223.

WEEK-END
IN NEW YORK



\$5 DAILY PER PERSON
3-IN-A-ROOM
(1 single, 1 double bed;
slight extra charge for
third bed)

BREAKFAST, TAXES INCLUDED
BY RESERVATION ONLY.
See your travel agent.
Or write:
HOTEL COMMODORE
42ND STREET AT LEXINGTON AVENUE
N.Y. 17, N.Y. • A ZECKENDORF HOTEL

ENGINEERS • SCIENTISTS

BRIDGING THE GAP

...from components, equipments, and subsystems
to fully integrated, large-scale systems

Air defense missiles, unmanned interceptors, manned interceptors, early warning aircraft, long-range radar, gap filler radar, Texas towers, vast communication nets, high-speed computers and advanced information display devices are a few of the integral parts in an air defense system. Each of these has its individual operational characteristics and it is the responsibility of The MITRE Corporation to provide the basic system engineering and design necessary to integrate these many diverse and complex parts into a mutually compatible, fully-integrated air defense system.

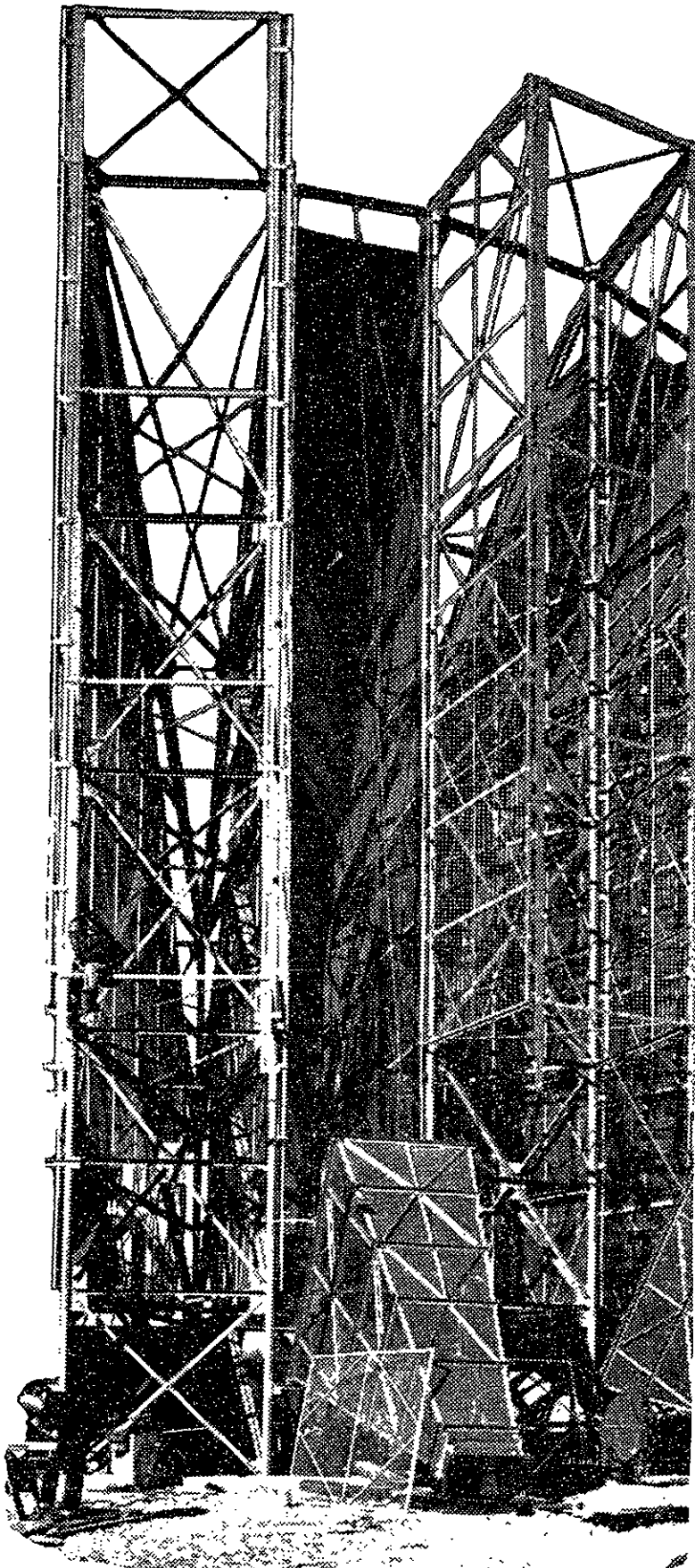
Formed under sponsorship of the Massachusetts Institute of Technology, MITRE employs the skills of engineers, mathematicians, physicists and psychologists on large-scale system projects ranging from design through prototype engineering and subsystem development to test and evaluation of the total on-line system. The growing scope of MITRE's technological effort affords the opportunity to establish a rewarding professional career in one of these areas of long-term importance:

- Component Research • Advanced System Design
- System Test and Evaluation • Computer Programming
- Human Engineering • Radar Systems and Techniques
- Subsystem Development • Communications
 - Air Traffic Control Systems

CAMPUS INTERVIEWS
Thursday, February 25
Please Contact
Your Placement Director for Appointment

THE
MITRE
CORPORATION 244 WOOD STREET — LEXINGTON 73, MASSACHUSETTS

A brochure more fully describing MITRE and its activities is available upon request.



Neuman Praises Hillel Work Here

(Continued from page 5)

explained this as a force of destiny running through history, keeping the nation alive.

Answer for World

Citing a speech by the English statesman Balfour, Dr. Neuman said that the world was approaching a "blind alley", and asked whether some new message or new faith was needed. He noted that 2,000 years ago, when Christianity arose in Palestine, the Jews in Greece were in a position to translate the Bible and transmit it to the rest of the world. He then said that a "new creative force" was rising in Israel, and that it may well be the purpose of American Jews to translate this new knowledge to the world; in his words, to be a "blessed carrier". To this end, the American community must steep itself in both the Western and the Hebrew cultures.

Dr. Neuman could not say what form this new message would take. He said, though, that one "cannot understand history unless you allow human beings a certain amount of uniqueness and spontaneity."

Against Assimilation

Dr. Neuman also stated that he was "sick" of the people who talk of the future in terms of "assimilation" and the "Suburban Jew", and called this idea a "distortion" and a "nightmare". In the previous Burg Lecture, Dr. Jacob Marcus of Hebrew Union College described this state as the probable future for American Jews.

To demonstrate the vitality of the American community, Dr. Neuman commented on the supper which the Hillel Society here had given in his

honor before the lecture. He praised the spirit and the natural response demonstrated, and said it was part of a great upsurge and trend constituting the Renaissance of Judaism in America.

Dr. Neuman was introduced by Dr. Bernard Gould of the Biology Department. The program was under the direction of Paul Jacobson, '60, and Jeff Linsky, '62. About 200 people were at the lecture, 60 of whom attended the supper.

THE LECTURE SERIES

COMMITTEE PRESENTS

VANCE PACKARD

Author of "THE HIDDEN PERSUADERS"
Speaking on the STATUS SEEKERS

TONIGHT KRESGE 7:30

ADMISSION FREE



There's opportunity, challenge, and excitement at Convair!

The widest diversity of missile and aircraft projects in the U.S. assures Convair of a continuing program of research and development . . . a challenging and exciting program that offers unlimited career opportunities to young scientists and engineers in many fields.

Talk with the men from Convair (see dates below). Ask about the extensive opportunities Convair offers for training . . . for continuing education . . . for personal advancement.

CONVAIR SAN DIEGO

As an engineering or science major, you will soon make one of the most important decisions of your life: *Choice of Association*. We hope you will choose Convair-San Diego, but whatever your choice, the selection of association must be made with utmost care. Our representatives have a new booklet which describes the work of each group within the Convair-San Diego Engineering Department. After reading it, we believe you will be better equipped to make your decision . . . whether or not you choose our company.

SAN DIEGO, CALIFORNIA

CONVAIR ASTRONAUTICS

Convair-Astronautics' great new \$40 million facility in San Diego was created solely for the purpose of putting America first and farthest into space. Here, graduates will participate in the program of the nation's mightiest missile, the Atlas ICBM, which powered the biggest satellite into orbit. Other programs involve lunar and interplanetary exploration. Many members of our staff rank among the world's leading authorities in their fields — distinguished scientists and engineers to direct your career progress. We urge you to discuss your future at Convair-Astronautics with us.

SAN DIEGO, CALIFORNIA

CONVAIR POMONA

New programs at Convair-Pomona offer excellent opportunities today for engineers. Convair-Pomona created the Army's newest weapon, *Redeye* shoulder-fired missile, and developed the Navy's advanced *Terrier* and *Tartar* missiles. Many other programs, still classified, are at various stages of development, providing stimulating assignments for progressive-thinking engineers and scientists. Positions are open for Bachelors, Masters and Doctorate candidates in electronics, aeronautics, mechanics and physics.

POMONA, CALIFORNIA

CONVAIR FORT WORTH

Latest project to emerge into the stages of flight test and production at Convair Fort Worth is the B-58 — a long range supersonic bomber, first aircraft to be built under the "weapons system" concept. Nearly half-a-hundred other Air Force contracts are in various stages of design and development. In addition to working in this atmosphere of advanced thinking, you'll find better living at lower cost, and enjoy a wealth of recreational and cultural facilities in Fort Worth.

FORT WORTH, TEXAS

Undergraduate & Graduate Students Majoring In

AERONAUTICAL, ELECTRICAL, ELECTRONIC, MECHANICAL, NUCLEAR, CIVIL ENGINEERING

Plus Graduate Students Majoring In
PHYSICS and MATHEMATICS

Representatives From Convair Will Conduct

JOINT INTERVIEWS

at MIT

Thursday & Friday, February 18 & 19

Consult your placement office for details

CONVAIR
A DIVISION OF
GENERAL DYNAMICS

Peking
On Mytic

東 興 樓
Restaurant

66 High Street, Medford
EXport 6-0850

Exquisite Peking & Cantonese Dishes

SMORGASBORD — 6-8 P.M.
Tuesday through Sunday

See Russia
in 1960

Economy Student/Teacher summer tours. American conducted, from \$495.

■ **Russia by Motorcoach.** 17-days from Warsaw or Helsinki. Visit rural towns plus major cities.

■ **Diamond Grand Tour.** Russia, Poland, Czechoslovakia, Scandinavia, Western Europe highlights.

■ **Collegiate Circle.** Black Sea Cruise, Russia, Poland, Czechoslovakia, Scandinavia, Benelux, W. Europe.

■ **Eastern Europe Adventure.** First time available. Bulgaria, Roumania, Russia, Poland, Czechoslovakia, Western Europe scenic route.

■ See your Travel Agent or write
Maupintour ★

400 Madison Ave., New York 17, N. Y.

WTBS Program Schedule

Wednesday	
7:30-8:45 A.M.	Rise and Shine
5:00 P.M.	Caravan
6:00	Clyde Reedy Show
8:35	Campus
8:50	News
9:00	Classical Music
1:00 A.M.	Sign-off
Thursday	
7:30-8:45 A.M.	Rise and Shine
5:00	Caravan
6:00	Jazz
7:00	Bob Nagro Show
8:35	Limelight Review
8:50	News
9:00	Classical Music
1:00 A.M.	Sign-off
Friday	
7:30-8:45 A.M.	Rise and Shine
5:00 P.M.	Caravan
6:00	Jazz
7:00	Piesta
8:00	Baton Society
8:35	Campus
8:50	News
9:00	Nite Owl request show
2:00 A.M.	Sign-off
Saturday	
5:00 P.M.	Sports Roundup
7:00	Jazz
8:50	News
9:00	Nite Owl request show
2:00 A.M.	Sign-off